

(-40)

1

Met	Gly	Arg	Pro	Leu	His	Leu	Val	Leu	Leu	Ser	Ala	Ser	Leu	Ala	Gly	Leu	Leu	Leu
ATG	GGG	CGC	CCA	CTG	CAC	CTC	GTC	CTG	CTC	AGT	GCC	TCC	CTG	GCT	GGC	CTC	CTG	CTG
		9			18			27			36			45			54	

(-4)

(-1)

Leu	Gly	Glu	Ser	Leu	Phe	Ile	Arg	Arg	Glu	Gln	Ala	Asn	Asn	Ile	Leu	Ala	Arg	Val	Thr	Arg
CTC	GGG	GAA	AGT	CTG	TTC	ATC	CGC	AGG	GAG	CAG	GCC	AAC	AAC	ATC	CTG	GCG	AGG	GTC	ACG	AGG
	66				75			84			93			102			111			120

(+1)

41

Ala	Asn	Ser	Phe	Leu	Glu	Glu	Met	Lys	Lys	Gly	His	Leu	Glu	Arg	Glu	Cys	Met	Glu	Glu	Thr
GCC	AAT	TCC	TTT	CTT	GAA	GAG	ATG	AAG	AAA	GGA	CAC	CTC	GAA	AGA	GAG	TGC	ATG	GAA	GAG	ACC
	129				138			147			156			165			174			183

Cys	Ser	Tyr	Glu	Glu	Ala	Arg	Glu	Val	Phe	Glu	Asp	Ser	Asp	Lys	Thr	Asn	Glu	Phe	Trp	Asn
TGC	TCA	TAC	GAA	GAG	GCC	CGC	GAG	GTC	TTT	GAG	GAC	AGC	GAC	AAG	ACG	AAT	GAA	TTC	TGG	AAT
	192				201			210			219			228			237			246

Lys	Tyr	Lys	Asp	Gly	Asp	Gln	Cys	Glu	Thr	Ser	Pro	Cys	Gln	Asn	Gln	Gly	Lys	Cys	Lys	Asp
AAA	TAC	AAA	GAT	GGC	GAC	CAG	TGT	GAG	ACC	AGT	CCT	TGC	CAG	AAA	CAG	GGC	AAA	TGT	AAA	GAC
	255				264			273			282			291			300			309

Gly	Leu	Gly	Glu	Tyr	Thr	Cys	Thr	Cys	Leu	Glu	Gly	Phe	Glu	Gly	Lys	Asn	Cys	Glu	Leu	Phe
GGC	CTC	GGG	GAA	TAC	ACC	TGC	ACC	TGT	TTA	GAA	GGA	TTC	GAA	GGC	AAA	AAC	TGT	GAA	TTA	TTC
	318				327			336			345			354			363			372

Thr	Arg	Lys	Leu	Cys	Ser	Leu	Asp	Asn	Gly	Asp	Cys	Asp	Gln	Phe	Cys	His	Glu	Glu	Gln	Asn
ACA	CGG	AAG	CTC	TGC	AGC	CTG	GAC	AAC	GGG	GAC	TGT	GAC	CAG	TTC	TGC	CAC	GAG	GAA	CAG	AAC
	381				390			399			408			417			426			435

Ser	Val	Val	Cys	Ser	Cys	Ala	Arg	Gly	Tyr	Thr	Leu	Ala	Asp	Asn	Gly	Lys	Ala	Cys	Ile	Pro
TCT	GTG	GTG	TGC	TCC	TGC	GCC	CGC	GGG	TAC	ACC	CTG	GCT	GAC	AAC	GGC	AAG	GCC	TGC	ATT	CCC
	444				453			462			471			480			489			498

Thr	Gly	Pro	Tyr	Pro	Cys	Gly	Lys	Gln	Thr	Leu	Glu	Arg	Arg	Lys	Arg	Ser	Val	Ala	Gln	Ala
ACA	GGG	CCC	TAC	CCC	TGT	GGG	AAA	CAG	ACC	CTG	GAA	CGC	AGG	AAG	AGG	TCA	GTG	GCC	CAG	GCC
	507				516			525			534			543			552			561

Thr	Ser	Ser	Ser	Gly	Glu	Ala	Pro	Asp	Ser	Ile	Thr	Trp	Lys	Pro	Tyr	Asp	Ala	Ala	Asp	Leu
ACC	AGC	AGC	AGC	GGG	GAG	GCC	CCT	GAC	AGC	ATC	ACA	TGG	AAG	CCA	TAT	GAT	GCA	GCC	GAC	CTG
	570				579			588			597			606			615			624

R6

229

Asp	Pro	Thr	Glu	Asn	Pro	Phe	Asp	Leu	Leu	Asp	Phe	Asn	Gln	Thr	Gln	Pro	Glu	Arg	Gly	Asp
GAC	CCC	ACC	GAG	AAC	CCC	TTC	GAC	CTG	CTT	GAC	TTC	AAC	CAG	ACG	CAG	CCT	GAG	AGG	GGC	GAC
	633				642			651			660			669			678			687

R5

R4

R3

R2

R1

234 235

Asn	Asn	Leu	Thr	Arg	Ile	Val	Gly	Gly	Gln	Glu	Cys	Lys	Asp	Gly	Glu	Cys	Pro	Trp	Gln	Ala
AAC	AAC	CTC	ACC	AGG	ATC	GTG	GGA	GGC	CAG	GAA	TGC	AAG	GAC	GGG	GAG	TGT	CCC	TGG	CAG	GCC
		696			705			714			723			732			741			750

Fig. 1-1

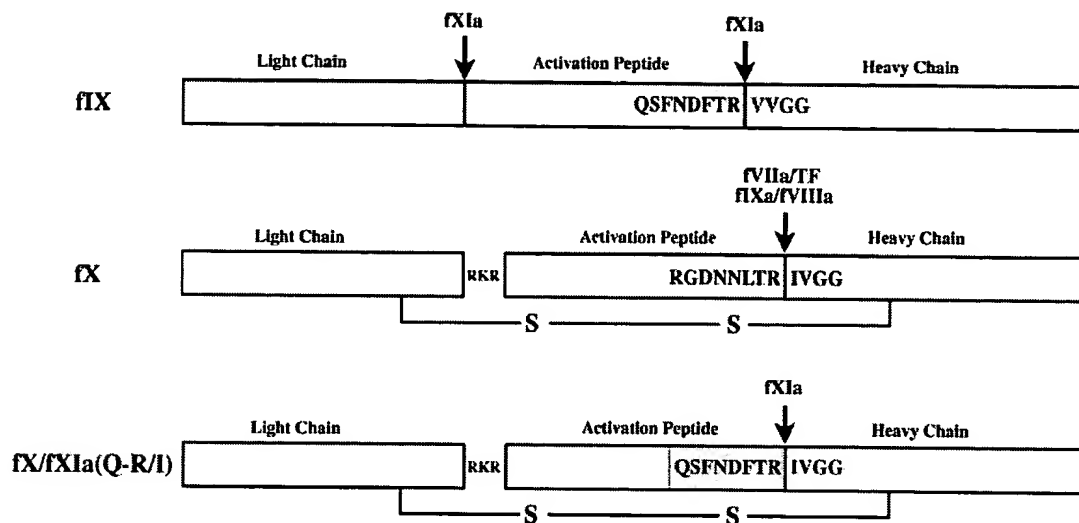


Fig. 2

004080" 2222222222

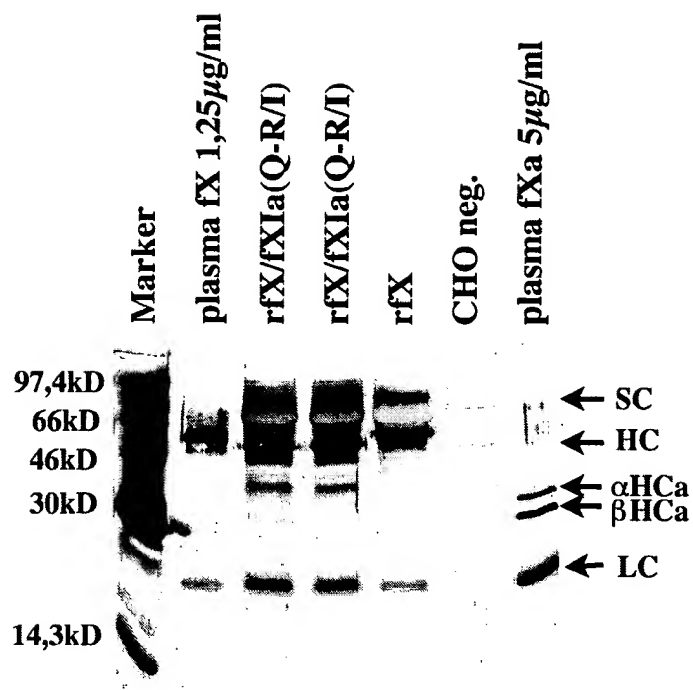


Fig. 3

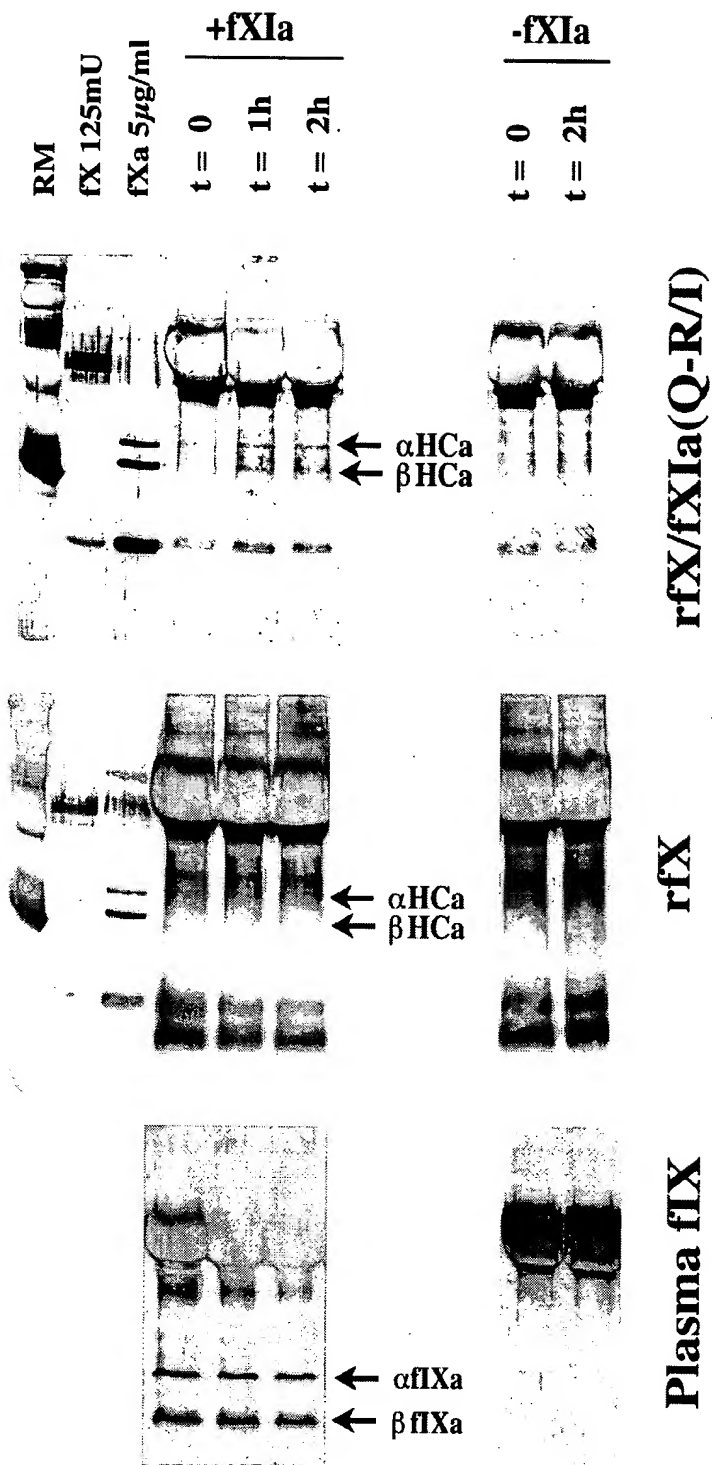


Fig. 4

004080" 2222E960

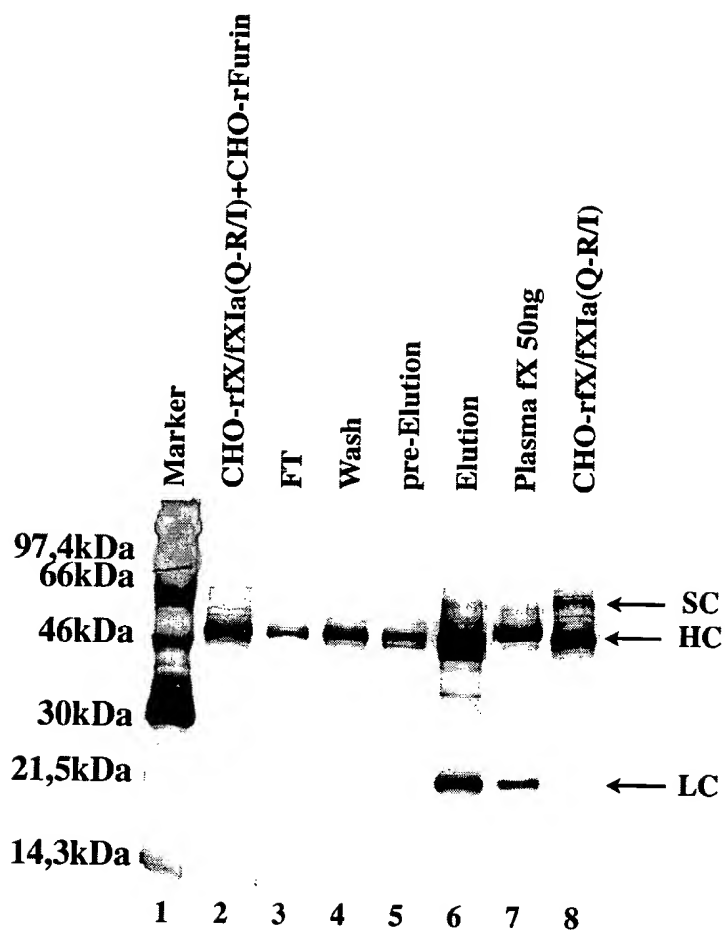


Fig. 5